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requ may auti	opy of this form, together with a statemen uired to be filed in each application in whi be completed by one of the practitioners norized to act on behalf of the assignee, a orney is to be filed.	ch this forn appointed	in this form	ne statemen if the appoi	nted practitioner is	
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Nam	Douglas K. Norman					
Sign	ature Douglas & Markiam			Date	10 August 2004	
Title	Deputy General Counsel, General F	Patent Cour	isel	Telephone	317-433-1651	

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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# \$0/587138 AP20 Rec'd PCT/PTO 21 JUL 2006

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## **CERTIFICATE UNDER 37 CFR 3.73(b)**

First Applicant: Alexei Kharitonenkov International Serial No.: PCT/US 2005/000023 International Application Date: 19 January 2005 US Nat'l Entry Date: Entitled: USE OF FGF-21 AND THIAZOLIDINEDIONE FOR TREATING **TYPE 2 DIABETES** ELI LILLY AND COMPANY, an Indiana Corporation (Name of Assignee) (Type of Assignee, e.g. corporation, partnership, university, government agency, etc.) certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of A. [X] An assignment from the inventor(s) of the patent application identified above. [ ] The assignment was recorded in the Patent and Trademark Office at Reel \_ [X] The assignment is being submitted separately for recordation; a copy of this assignment is attached. OR B. [ ] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below: 1. To: The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame\_\_\_\_\_, or for which a copy thereof is attached. 2. The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame\_\_\_\_\_, or for which a copy thereof is attached. 3. The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame\_\_\_\_\_, or for which a copy thereof is attached. [ ] Additional documents in the chain of title are listed on a supplemental sheet. [ ] Copies of assignments or other documents in the chain of title are attached. The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Date

## PCT REQUEST

## Original (for SUBMISSION)

VIII-4-1	Declaration: Inventorship (only for the purposes of the designation of	
	the United States of America) Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:	I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.
		This declaration is directed to the international application of which it forms a part (if filing declaration with application).
		I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.
		I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said
		application. I have identified in the request of said application, in
		compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading
		"Prior Applications", by application number, country or Member of the World Trade Organization, day, month, and year
		of filing, any application for a patent or inventor's certificate filed in a
		country other than the United States of America, including any PCT international application designating at least one
		country other than the United States of America, having a filing date before
		that of the application on which foreign priority is claimed.
VIII-4-1- 1	Prior applications:	

#### Original (for SUBMISSION)

	I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT int ernational filing date of the continuation-in-part application. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.
1	KHARITONENKOV, Alexei
	Zionsville, Indiana
	3812 Verdure Lane Zionsville, IN 46077

VIII-4-1- Name (LAST, First) 1-1

VIII-4-1- Residence: (city and eith

(city and either US State, if applicable, or country)

VIII-4-1- Mailing address:

1-3

VIII-4-1- Citizenship:

1-4 VIII-4 1-5

1-6

VIII-4-1- Inventor's Signature:

(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

VIII-4-1- Date:

Of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

3812 Verdure Lane Zionsville, IN 46077 United States of America

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## **PCT REQUEST**

## 8/10

### Original (for SUBMISSION)

VIII-4-1- 2-1	Name (LAST, First)	SHIYANOVA, Tatiyana, Leonidovna
2-2	Residence: (city and either US State, if applicable, or country)	Carmel, Indiana
VIII-4-1- 2-3	Mailing address:	10523 Breckenridge Drive Carmel, IN 46033 United States of America
VIII-4-1- 2-4	Citizenship:	US
2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	1 hiyan ra
VIII-4-1- 2-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

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#### ASSIGNMENT

WHEREAS I, am an inventor or co-inventor (with the persons listed below) of an invention that is the subject of a patent application ("Application") which is entitled METHOD FOR TREATING TYPE 2 DIABETES, containing 20 pages, and which:

is being filed:  was filed:
in the United States Patent and Trademark Office in the United Kingdom Patent Office in the European Patent Office
as an international application under the Patent Cooperation Treaty ("PCT"), with:
☐ United States Patent and Trademark Office acting as Receiving Office, or ☐ International Bureau acting as Receiving Office;
on January 26, 2004 and accorded serial number 60/539241;

and

WHEREAS ELI LILLY AND COMPANY, an Indiana corporation having its principal place of business at Lilly Corporate Center, Indianapolis, Indiana 46285, wishes to acquire the entire interest in all inventions disclosed in such Application;

NOW, THEREFORE, in consideration of my employment, any agreements related thereto, or other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to Eli Lilly and Company, its successors and assigns (collectively "Lilly") my entire right, title and interest in, to and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all present or future patent applications to such inventions that may be filed in any country, inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, reexaminations, reissues, international applications filed under the PCT, United States provisional patent applications, subsequent United States provisional patent applications claiming some or all of this invention, certificates of addition, utility models, petty patents, as well as all other intellectual property related to the Application, inclusive of, but not limited to, supplementary protection certificates; and any related patent

term extensions which may be granted for Letters Patent with respect to the Application; all of the above to be held and enjoyed by Lilly for its own use and enjoyment to the full end of the term or terms for which such Letters Patent and related intellectual property rights may be granted, as fully and entirely as the same would have been held and enjoyed by me had this Assignment and sale to Lilly not been made.

For myself and for my heirs, successors and legal representatives, I covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

For myself and for my heirs, successors and legal representatives, I further covenant and agree with Lilly that upon request I and they will, without further consideration than that now paid, but at the expense of Lilly: (i) execute original, provisional, substitute, continuation, divisional, continuation-in-part, reexamined, or reissued applications, amended specifications, or rightful declarations or oaths for such application; (ii) communicate to Lilly any facts known to me or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings, litigation discovery proceedings and depositions, oppositions, cancellation proceedings, priority contests, public use proceedings, administrative agency proceedings, litigation and other court actions and the like; (iv) execute and deliver any application papers, affidavits, declarations, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for Lilly, may be necessary or desirable to secure the grant of Letters Patent and related intellectual property to Lilly or its nominees, in the United States and in all other countries where Lilly may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for Lilly and to vest and confirm in Lilly or its nominees the full and complete legal and equitable title to all such Letters Patent and related intellectual property.

IN WITNESS WHEREOF I have executed this assignment on the date indicated

below.

1/27/04

Alexei Kharitonenkov / 3812 Verdure Lane

Zionsville, IN 46077

Citizenship: Russian Federation

<u>'/ 28 / 0.4</u> Date

Tatiyana Leonidovna Shiyanova

10523 Breckenridge Drive

Carmel, Indiana 46033 Citizenship: Belarus

UNITED STATES OF AME	RICA	
STATE OF INDIANA	)	
COUNTY OF MARION	) SS: )	
	Y Public for MARICA County, State of Indiana, Charitonenkov and acknowledged the execution of the foregoing County, 2004.	
·	Notary Public Commission Expires: February 13, 2007	
UNITED STATES OF AME	RICA	
STATE OF INDIANA	) ) SS:	
COUNTY OF MARION	j	
Before me, a Notary Public for Mergan County, State of Indiana, personally appeared Tatiyana Leonidovna Shiyanova and acknowledged the execution of the foregoing instrument this 28th day of January, 2004.		
KELLY L. RAMSEY MY COMMISSION EXF OCTOBER 30, 200 RESIDENT OF MARION C	PIRES Killy & Kamsus  Notary Public	